

CLAIMS

1. A refining surface for a refiner intended for defibrating lignocellulose-containing material, the refiner comprising at least two refining surfaces (1, 2) arranged coaxially relative to each other, at least one of which rotates around a shaft, and between which the material to be defibrated is fed, and which refining surface (1, 2) comprises grooves and between them ridges (11), at least part of the refining surface (1, 2) ridges (11) being formed of at least two different ridge parts (11a, 11b) connected to each other in such a way that one ridge part (11a, 11b) is farther ahead in the rotation direction of the refining surface (1, 2) than the other ridge part (11a, 11b) and that at least in some ridge parts (11a, 11b) in the rotation direction (A) of the refining surface (1, 2), the front wall (14) is over at least part of its length substantially inclined, **characterized** in that the inclination of the wall (14) of the ridge part (11a, 11b) changes in the longitudinal direction of the ridge part (11a, 11b) in such a way that the inclination of the wall (14) closer to the central shaft of the refining surface (1, 2) is smaller than the inclination of the wall (14) farther off from the central shaft of the refining surface (1, 2).

2. A refining surface according to claim 1, **characterized** in that the inclination of the wall (14) of the ridge part (11a, 11b) is between 0.5 and 60 degrees.

3. A refining surface according to claim 1 or 2, **characterized** in that the ridge part (11a) closer to the central shaft (4) of the refining surface (1, 2) is at the connecting point of the ridge parts (11a, 11b) in the rotation direction of the refining surface (1, 2) farther behind than the ridge part (11b) farther off from the central shaft.

4. A refining surface according to claim 1 or 2, **characterized** in that the ridge part (11a) farther off from the central shaft (4) of the refining surface (1, 2) is at the connecting point of the ridge parts (11a, 11b) in the rotation direction of the refining surface (1, 2) farther behind than the ridge part (11b) closer to the central shaft.

5. A refining surface according to any one of the preceding claims, **characterized** in that the front edges of the wall of two successive ridge parts (11a, 11b) seen from the rotation direction of the refining surface are continuous.

6. A refining surface according to any one of claims 1 to 4, **characterized** in that the front edges of the wall of two successive ridge parts (11a, 11b) seen from the rotation direction of the refining surface (1, 2) are staggered relative to each other.

7. A refining surface according to any one of the preceding claims, **characterized** in that at least some of the connecting points of two ridge parts (11a, 11b) connected to each other, located in the refining surface (1, 2), comprise an oblique bevel inclined towards the outer edge of the refining surface (1, 2).

8. A refining surface according to any one of the preceding claims, **characterized** in that the upper surfaces of the ridge parts (11a, 11b) are in the same plane.

9. A refining surface according to any one of the preceding claims, **characterized** in that between ridge parts (11a, 11b) adjacent in the rotation direction (A) of the refining surface 1, there is a dam-like structure (18, 19) connecting said ridge parts (11a, 11b) together.